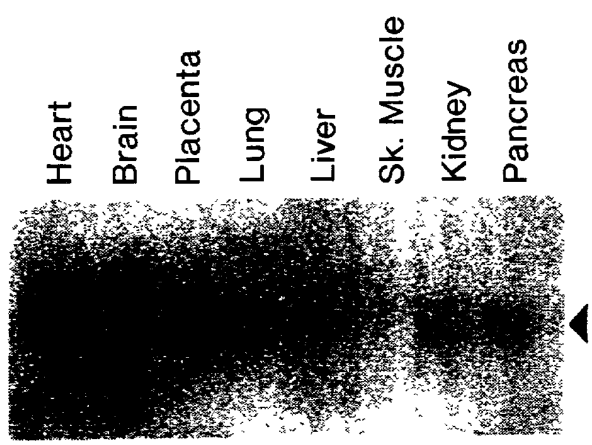


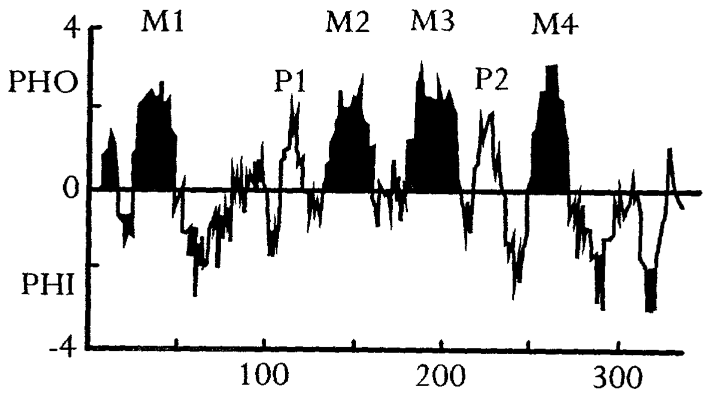

FIG. 1A

```
                                                    gggcaggaagacggcgctgcccggaggagc  -153
ggggcgggcgggcgcgcgggggagcgggcggcgggcgggagccaggcccgggcgggggcgggggcggcggggccag  -77
aagaggcggcgggccgcgctccggccggtctgcggcgttggccttggctttggctttggcggcggcggtggagaag  -1

ATG CTG CAG TCC CTG GCC GGC AGC TCG TGC GTG CGC CTG GTG GAG CGG CAC CGC TCG   57
 M   L   Q   S   L   A   G   S   S   C   V   R   L   V   E   R   H   R   S    19

GCC TGG TGC TTC GGC TTC CTG GTG CTG GGC TAC TTG CTC TAC CTG GTC TTC GGC GCA  114
 A   W   C   F   G   F   L   V   L   G   Y   L   L   Y   L   V   F   G   A    38

GTG GTC TTC TCC TCG GTG GAG CTG CCC TAT GAG GAC CTG CTG CGC CAG GAG CTG CGC  171
 V   V   F   S   S   V   E   L   P   Y   E   D   L   L   R   Q   E   L   R    57

AAG CTG AAG CGA CGC TTC TTG GAG GAG CAC GAG TGC CTG TCT GAG CAG CAG CTG GAG  228
 K   L   K   R   R   F   L   E   E   H   E   C   L   S   E   Q   Q   L   E    76

CAG TTC CTG GGC CGG GTG CTG GAG GCC AGC AAC TAC GGC GTG TCG GTG CTC AGC AAC  285
 Q   F   L   G   R   V   L   E   A   S   N   Y   G   V   S   V   L   S   N    95

GCC TCG GGC AAC TGG AAC TGG GAC TTC ACC TCC GCG CTC TTC TTC GCC AGC ACC GTG  342
 A   S   G   N   W   N   W   D   F   T   S   A   L   F   F   A   S   T   V   114

CTC TCC ACC ACA GGT TAT GGC CAC ACC GTG CCC TTG TCA GAT GGA GGT AAG GCC TTC  399
 L   S   T   T   G   Y   G   H   T   V   P   L   S   D   G   G   K   A   F   133

TGC ATC ATC TAC TCC GTC ATT GGC ATT CCC TTC ACC CTC CTG TTC CTG ACG GCT GTG  456
 C   I   I   Y   S   V   I   G   I   P   F   T   L   L   F   L   T   A   V   152

GTC CAG CGC ATC ACC GTG CAC GTC ACC CGC AGG CCG GTC CTC TAC TTC CAC ATC CGC  513
 V   Q   R   I   T   V   H   V   T   R   R   P   V   L   Y   F   H   I   R   171

TGG GGC TTC TCC AAG CAG GTG GTG GCC ATC GTC CAT GCC GTG CTC CTT GGG TTT GTC  570
 W   G   F   S   K   Q   V   V   A   I   V   H   A   V   L   L   G   F   V   190

ACT GTG TCC TGC TTC TTC TTC ATC CCG GCC GCT GTC TTC TCA GTC CTG GAG GAT GAC  627
 T   V   S   C   F   F   F   I   P   A   A   V   F   S   V   L   E   D   D   209
```

FIG. 1B-1

```
TGG AAC TTC CTG GAA TCC TTT TAT TTT TGT TTT ATT TCC CTG AGC ACC ATT GGC CTG   684
 W   N   F   L   E   S   F   Y   F   C   F   I   S   L   S   T   I   G   L    228

GGG GAT TAT GTG CCT GGG GAA GGC TAC AAT CAA AAA TTC AGA GAG CTC TAT AAG ATT   741
 G   D   Y   V   P   G   E   G   Y   N   Q   K   F   R   E   L   Y   K   I    247

GGG ATC ACG TGT TAC CTG CTA CTT GGC CTT ATT GCC ATG TTG GTA GTT CTG GAA ACC   798
 G   I   T   C   Y   L   L   L   G   L   I   A   M   L   V   V   L   E   T    266

TTC TGT GAA CTC CAT GAG CTG AAA AAA TTC AGA AAA ATG TTC TAT GTG AAG AAG GAC   855
 F   C   E   L   H   E   L   K   K   F   R   K   M   F   Y   V   K   K   D    285

AAG GAC GAG GAT CAG GTG CAC ATC ATA GAG CAT GAC CAA CTG TCC TTC TCC TCG ATC   912
 K   D   E   D   Q   V   H   I   I   E   H   D   Q   L   S   F   S   S   I    304

ACA GAC CAG GCA GCT GGC ATG AAA GAG GAC CAG AAG CAA AAT GAG CCT TTT GTG GCC   969
 T   D   Q   A   A   G   M   K   E   D   Q   K   Q   N   E   P   F   V   A    323

ACC CAG TCA TCT GCC TGC GTG GAT GGC CCT GCA AAC CAT TGA  gcgtaggatttgttgcatt 1030
 T   Q   S   S   A   C   V   D   G   P   A   N   H   *                        337
atgctagagcaccagggtcagggtgcaaggaagaggcttaagtatgttcatttttatcagaatgcaaaagcgaaaa 1106
ttatgtcactttaagaaatagctactgtttgcaatgtcttattaaaaaacaacaaaaaaagacacatggaacaaag 1182
aagctgtgaccccagcaggatgtctaatatgtgaggaaatgagatgtccacctaaaattcatatgtgacaaaatta 1258
tctcgaccttacataggaggagaatacttgaagcagtatgctgctgtggttagaagcagattttatacttttaact 1334
ggaaactttggggtttgcatttagatcatttagctgatggctaaatagcaaaatttatatttagaagcaaaaaaaa 1410
aaagcatagagatgtgttttataaataggtttatgtgtactggtttgcatgtacccacccaaaatgattatttttg 1486
gagaatctaagtcaaactcactatttataatgcataggtaaccattaactatgtacatataaagtataaatatgtt 1562
tatattctgtacatatggtttaggtcaccagatcctagtgtagttctgaaactaagactatagatattttgtttct 1638
tttgatttctctttatactaaagaatccagagttgctacaataaaataaggggaataataaaaaaaaaaaaaaa  1712
```

FIG. 1B-2



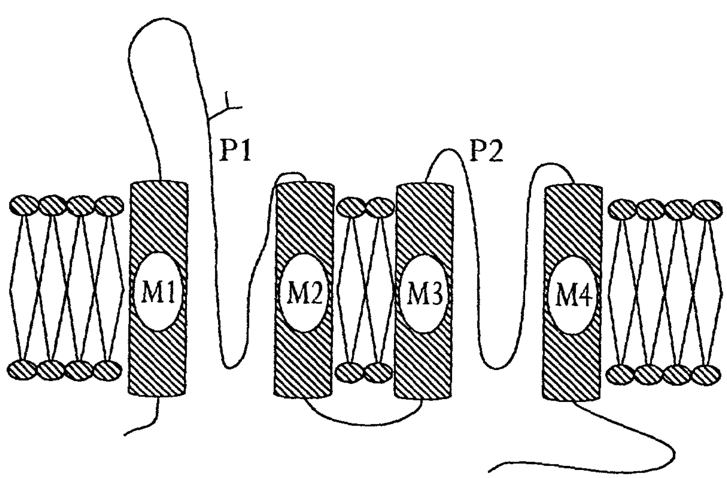




FIG. 1C

```
              1            14           27
TWIK-1 P1     FTSALFFASTVLSTTGYGHTVPLSDGG
TWIK-1 P2     FLESFYFCFISLSTIGLGDYVPGEGYN
TOK1 P2       YFNCIYFCFLCLLTIGYGDYAPRTGAG
TOK1 P1       YGNALYFCTVSLLTVGLGDILPKSVGA
Slo           YWTCVYFLIVTMSTVGYGDVYCETVLG
Shaker        IPDAFWWAVVTMTTVGYGDMTPVGFWG
Shab          IPEAFWWAGITMTTVGYGDICPTTALG
Shal          IPAAFWYTIVTMTTLGYGDMVPETIAG
Shaw          IPLGLWWALVTMTTVGYGDMAPKTYIG
KAT1          YVTALYWSITTLTTTGYGDFHAENPRE
AKT1          YVTSMYWSITTLTTVGYGDIHPVNTKE
eag           YVTALYFTMTCMTSVGFGNVAAETDNE
ROMK1         MTSAFLFSLETQVTIGYGFRFVTEQCA
IRK1          FTAAFLFSIETQTTIGYGFRCVTDECP
GIRK1         FPSAFLFFIETEATIGYGYRYITDKCP
```

FIG. 2A

```
TWIK-1    1 MLQSLAGSSCVRLVE------RHRSAWCF--GF-----------LVLGY
f17c8     1 MYTDEGEYSGDTDHGGSTMQKMSPNTRQNFRQNVNVVVCLSAAITL--
M110-2    1 MTVSMEENSKIQMLSATSKDKKVATDRSLLNKYHLGPLALHTGLVLSC

TWIK-1   31 LLYLVFGAVVFSSVELPYEDLLRQE-----LRKLKRRFLEEHEC---L
f17c8    47 LVFNLIGAGIF--------------------------YLAETQNSSES
M110-2   49 VTYALGGAYLFLSIEHP-EELKRREKAIREFQDLKQQFMGNITSGIEN

TWIK-1   71 SEQQLEQFLGRVL-------EASNYGVSVLSNASGNWNW--DFTSALF
f17c8    69 LNENSEV--SKCLHNLPIGGKITAEMKSKLGKCLTKSSRIDGFGKAIF
M110-2   96 SEQSIEEYTKKLILMLEDAHNAHAFEYFFLNHEIPKDMW--TFSSALV

                    P1
TWIK-1  110 FASTVLSTIGYGHTVPLSDGGKAFCII-YSVIGIPFTLLFLTAVVQRI
f17c8   115 FSWTLYSTVGYGSLYPHSTLGRYLTIF-YSLLMIPVFIAFKFEFGTFL
M110-2  142 FTTTTVIPVGYGYIEPVSAYGR-MCLIAYALLGIPLTLVTMADTGKFA

TWIK-1  157 TVH---VTRRPVL-----YFHIRWGFSKQVVAIVHAVLLGFVTVSCFF
f17c8   162 AHFLVVVSNRTRLAVKKAYYKLS-QNPENAETPSNSLQHDYLIFLSSIL
M110-2  189 AQL---VTR---------------W-FGDNNMAIPAAIFV------CLL

                                       P2
TWIK-1  197 FI-PAAVFS---VL--EDDWNFLESFYFCFISLSTIGLGDYVPGEGYN
f17c8   209 LLCSISLLSSSALFSSIENISYLSSVYFGIITMFLIGIGDIVPTN---
M110-2  213 FAYPLVVGF---ILCSTSNITYLDSVYFSLTSIFTIGFGDLTP-----

TWIK-1  239 QKFRELYKIGITCYLLLGLIAMLVVLETFC----ELHELKKFR-----
f17c8   254 --------LVWFSGYCMLFLISDVLSNQIFYFCQARVRYFFHILARKIL
M110-2  253 ----DMNVIHMVLFLAVGVILVTITLDIVA---AEMIDRVHYMGRHVG

TWIK-1  278 --------KMFYVKKDKDEDQVHIIEHDQL----SFSSITDQAAGMKED
f17c8   295 LLRE-EDDGFQLETTVSLQHIPIINSQCMPSL----VLDCEKEELDND
M110-2  294 KAKELAGKMFQLAQSLNMKQGLVSGVGQLHALARFGMLVGREEVDKTQ

TWIK-1  315 QKQNEPFVAT-----------------QSSACVDGPANH----
f17c8   338 EKLISSLTST---------------------------------
M110-2  342 EDGIIAFSPDVMDGLEFMDTLSIYSRRSRRSAENSARNLFLS
```

# FIG. 2B

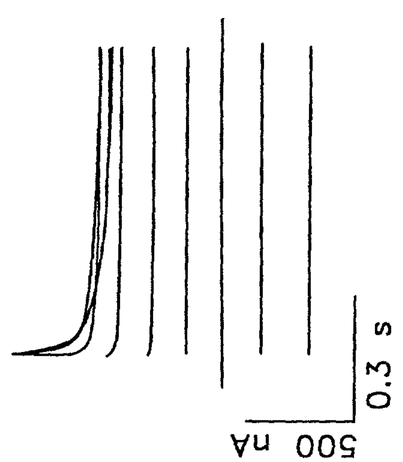



FIG. 3A

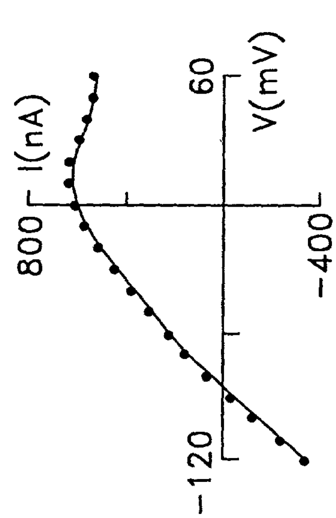



FIG. 3B

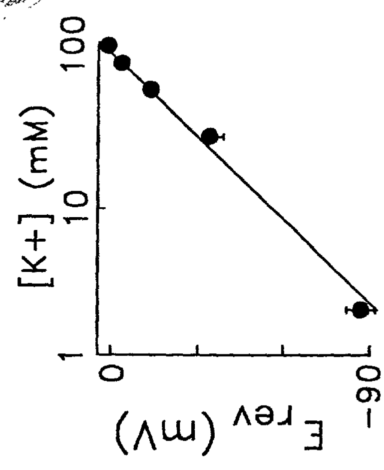



FIG. 3C

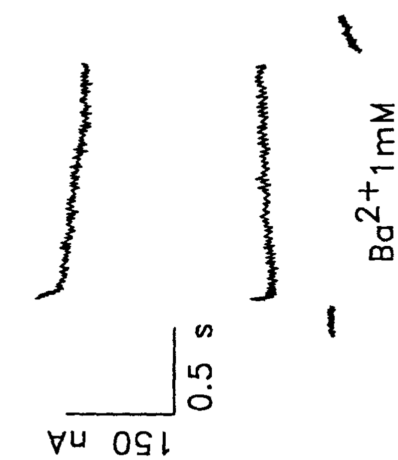



FIG. 3D

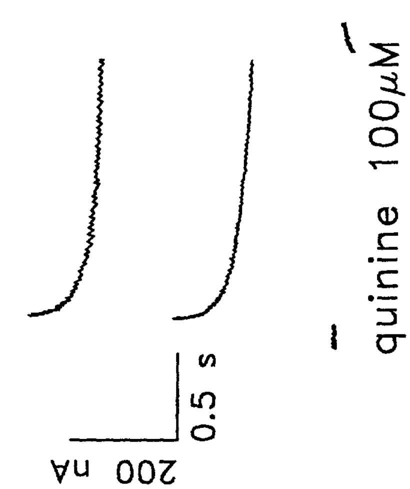



FIG. 3E

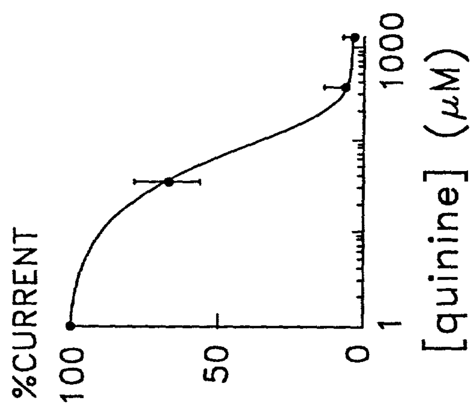



FIG. 3F

FIG. 4A

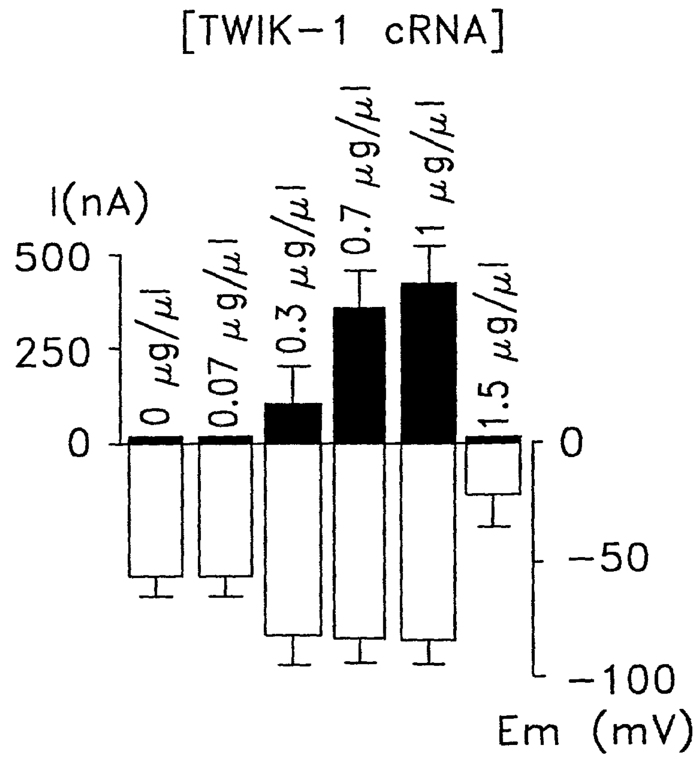



FIG. 4B

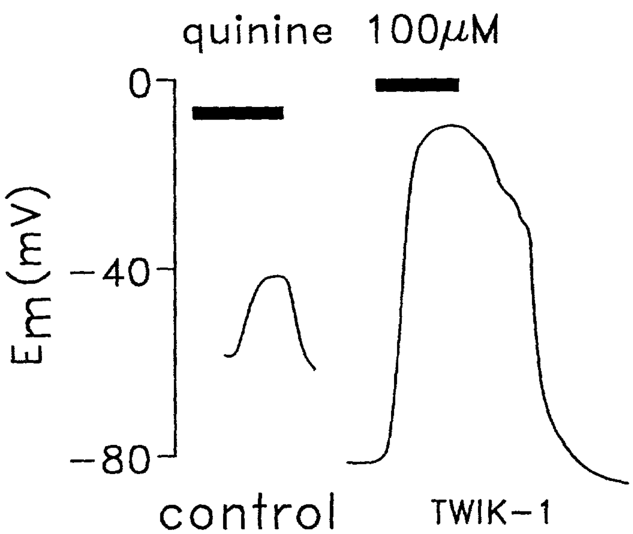
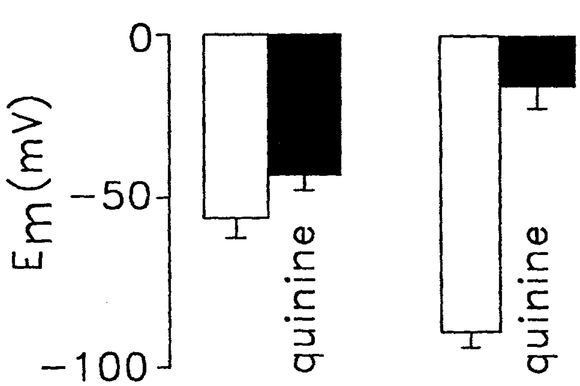



FIG. 4C



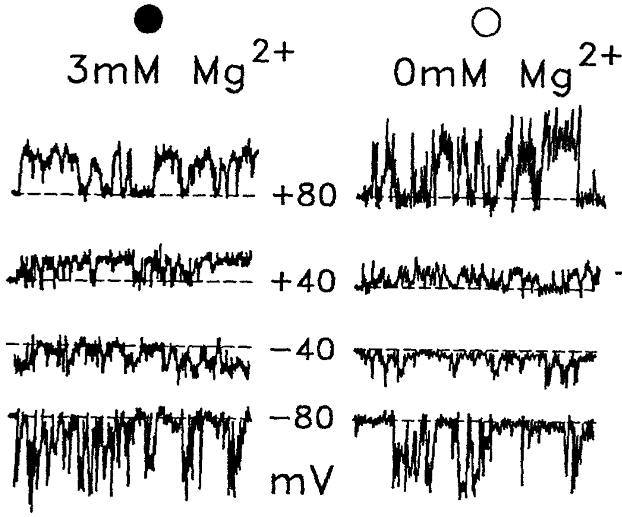



FIG. 5A

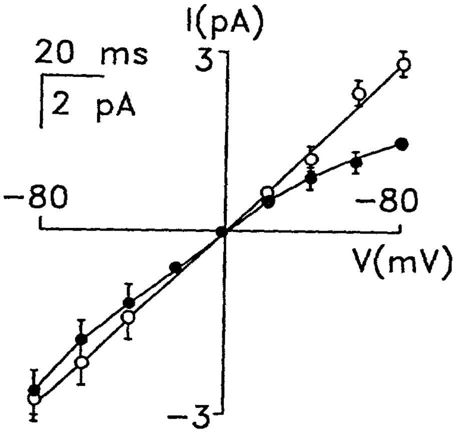



FIG. 5B

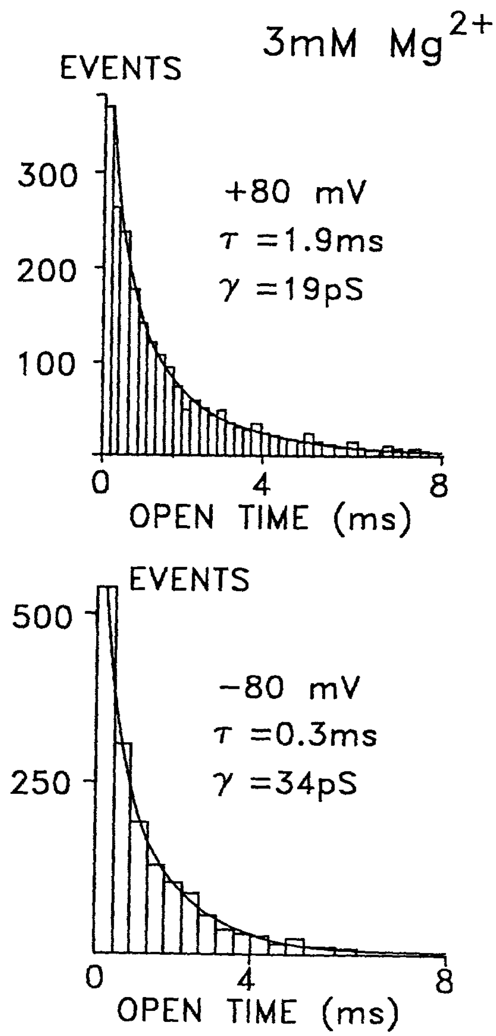



FIG. 5C

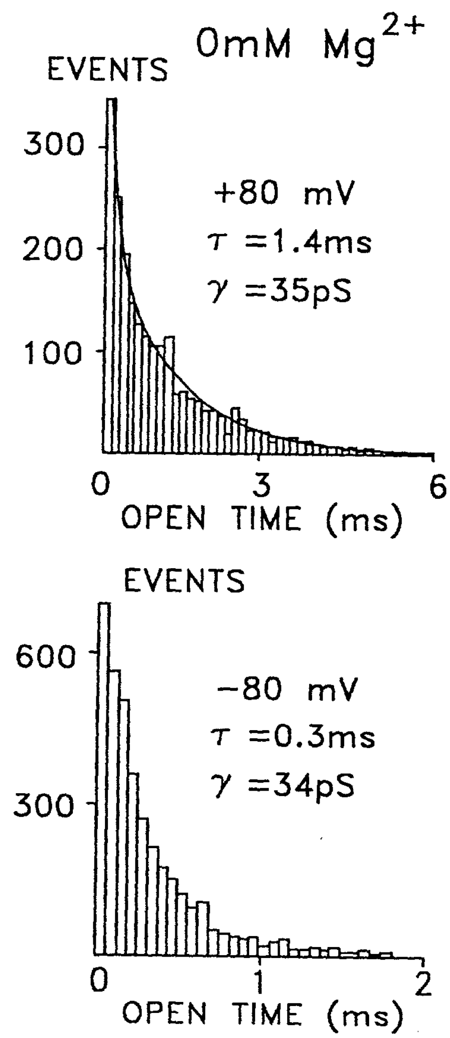



FIG. 5D

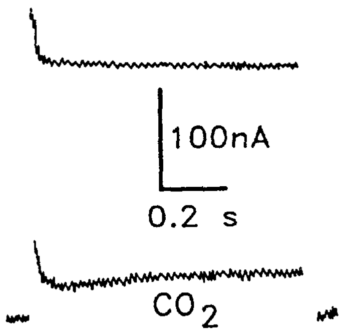



FIG. 6A

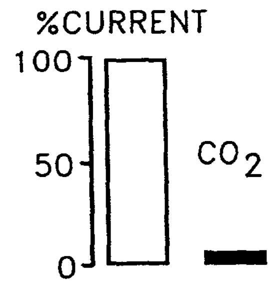



FIG. 6B

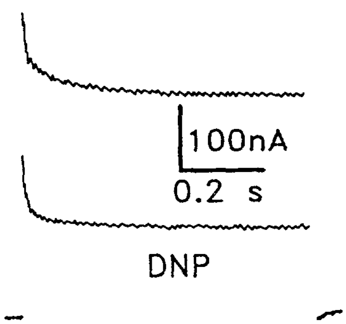



FIG. 6C

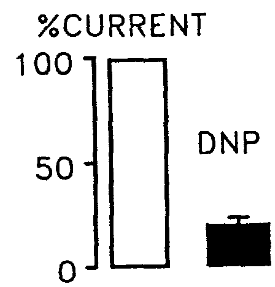



FIG. 6D

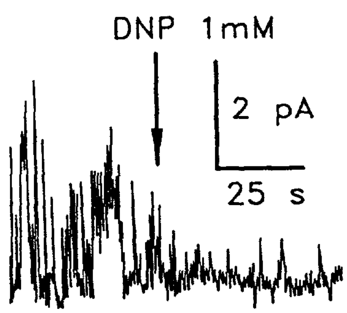



FIG. 6E

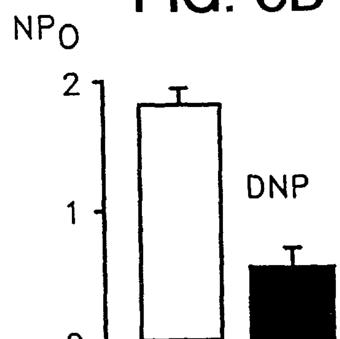



FIG. 6F

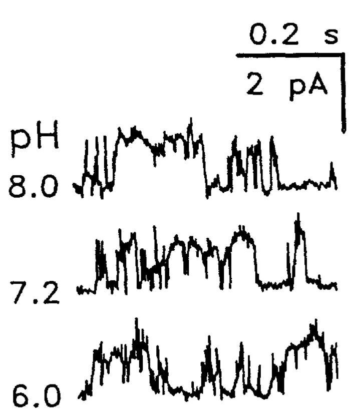



FIG. 6G

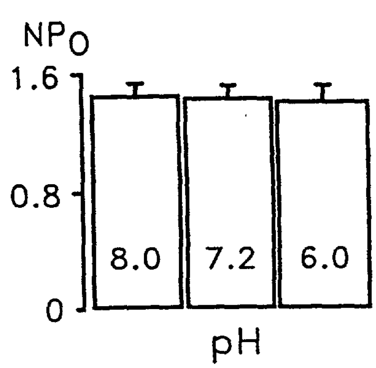



FIG. 6H

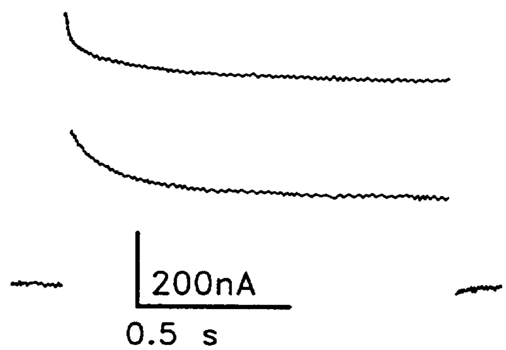



FIG. 7A

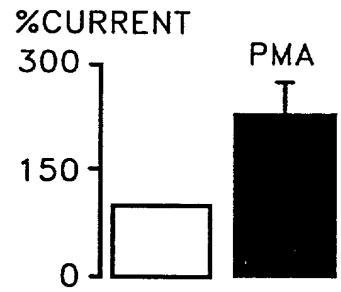



FIG. 7B

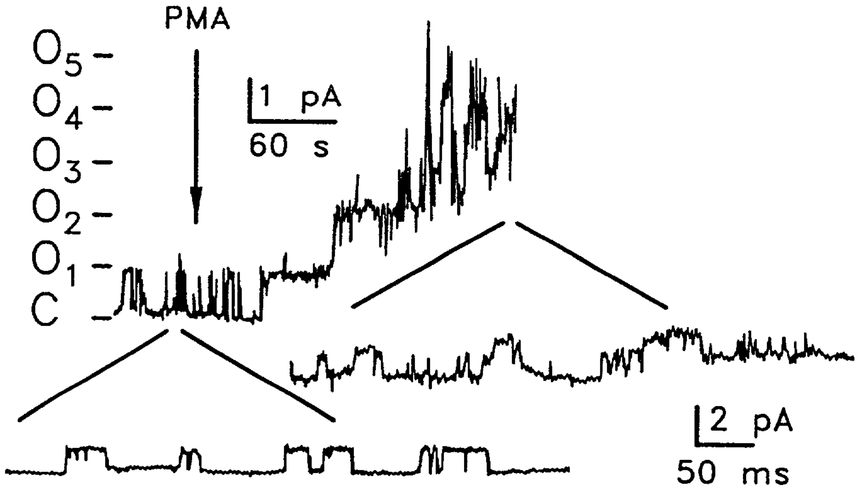



FIG. 7C

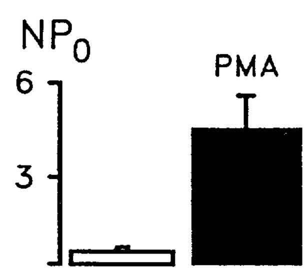



FIG. 7D

```
                          tgccctgcgcggatagcggcgagcgcagccatgccccaggccgcctccg  -77
gggcagcagcagcggcggccggggccgatgcgcggccgggggcgccggggggccggcggcggcccgggcgggacg   -1

ATG AAG CGG CAG AAC GTG CGC ACG CTG GCG CTC ATC GTG TGC ACC TTC ACC TAC CTG   57
 M   K   R   Q   N   V   R   T   L   A   L   I   V   C   T   F   T   Y   L    19
             E   N   V   R   T   L   A   L   I   V   C   T   F   T   Y   L

CTG GTG GGC GCC GCG GTC TTc GAC GCG CTG GAG TCG GAG CCC GAG CTG ATC GAG CGG  114
 L   V   G   A   A   V   F   D   A   L   E   S   E   P   E   L   I   E   R    38
 L   V   G   A   A   V   F   D   A   L   E   S   E   P   E   M   I   E   R

CAG CGG CTG GAG CTG CGG CAG CAG GAG CTG CGG GCG CGC TAC AAC CTC AGC CAG GGC  171
 Q   R   L   E   L   R   Q   Q   E   L   R   A   R   Y   N   L   S   Q   G    57
 Q   R   L   E   L   R   Q   L   E   L   R   A   R   Y   N   L   S   E   G
                                                         *

GGC TAC GAG GAG CTG GAG CGC GTC GTG CTG CGC CTC AAG CCG CAC AAG GCC GGC GTG  228
 G   Y   E   E   L   E   R   V   V   L   R   L   K   P   H   K   A   G   V    76
 G   Y   E   E   L   E   R   V   V   L   R   L   K   P   H   K   A   G   V

CAG TGG CGC TTC GCC GGC TCC TTC TAC TTC GCC ATC ACC GTC ATC ACC ACC ATC GGC  285
 Q   W   R   F   A   G   S   F   Y   F   A   I   T   V   I   T   T   I   G    95
 Q   W   R   F   A   G   S   F   Y   F   A   I   T   V   I   T   T   I   G

TAC GGG CAC GCG GCA CCC AGC ACG GAT GGC GGC AAG GTG TTC TGC ATG TTC TAC GCG  342
 Y   G   H   A   A   P   S   T   D   G   G   K   V   F   C   M   F   Y   A   114
 Y   G   H   A   A   P   S   T   D   G   G   K   V   F   C   M   F   Y   A

CTG CTG GGC ATC CCG CTC ACG CTC GTC ATG TTC CAG AGC CTG GGC GAG CGC ATC AAC  399
 L   L   G   I   P   L   T   L   V   M   F   Q   S   L   G   E   R   I   N   133
 L   L   G   I   P   L   T   L   I   M   F   Q   S   L   G   E   R   I   N

ACC TTG GTG AGG TAC CTG CTG CAC CGC GCC AAG AAG GGG CTG GGC ATG CGG CGC GCC  456
 T   L   V   R   Y   L   L   H   R   A   K   K   G   L   G   M   R   R   A   152
 T   F   V   R   Y   L   L   H   R   A   K   R   G   L   G   M   R   H   A

GAC GTG TCC ATG GCC AAC ATG GTG CTC ATC GGC TTC TTC TCG TGC ATC AGC ACG CTG  513
 D   V   S   M   A   N   M   V   L   I   G   F   F   S   C   I   S   T   L   171
 E   V   S   M   A   N   M   V   L   I   G   F   V   S   C   I   S   T   L

TGC ATC GGC GCC GCC GCC TTC TCC CAC TAC GAG CAC TGG ACC TTC TTC CAG GCC TAC  570
 C   I   G   A   A   A   F   S   H   Y   E   H   W   T   F   F   Q   A   Y   190
 C   I   G   A   A   A   F   S   Y   Y   E   R   W   T   F   F   Q   A   Y

TAC TAC TGC TTC ATC ACC CTC ACC ACC ATC GGC TTC GGC GAC TAC GTG GCG CTG CAG  627
 Y   Y   C   F   I   T   L   T   T   I   G   F   G   D   Y   V   A   L   Q   209
 Y   Y   C   F   I   T   L   T   T   I   G   F   G   D   Y   V   A   L   Q

AAG GAC CAG GCC CTG CAG ACG CAG CCG CAG TAC GTG GCC TTC AGC TTC GTC TAC ATC  684
 K   D   Q   A   L   Q   T   Q   P   Q   Y   V   A   F   S   F   V   Y   I   228
 K   D   Q   A   L   Q   T   Q   P   Q   Y   V   A   F   S   F   V   Y   I

CTT ACG GGC CTC ACG GTC ATC GGC GCC TTC CTC AAC CTC GTG GTG CTG CGC TTC ATG  741
 L   T   G   L   T   V   I   G   A   F   L   N   L   V   V   L   R   F   M   247
 L   T   G   L   T   V   I   G   A   F   L   N   L   V   V   L   R   F   M
```

FIG. 8A

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ACC | ATG | AAC | GCC | GAG | GAC | GAG | AAG | CGC | GAC | GCC | GAG | CAC | CGC | GCG | CTG | CTC | ACG | CGC | 798 |
| T | M | N | A | E | D | E | K | R | D | A | E | H | R | A | L | L | T | R | 266 |
| T | M | N | A | E | D | E | K | R | D | A | E | H | R | A | L | L | T | H | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AAC | GGG | CAG | GCG | GGC | GGC | GGC | GGA | GGG | GGT | GGC | AGC | GCG | CAC | ACT | ACG | GAC | ACC | GCC | 855 |
| N | G | Q | A | G | G | G | G | G | G | G | S | A | H | T | T | D | T | A | 285 |
| N | G | Q | A | V | G | L | G | G | L | S | C | L | S | G | S | L | G | D | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCA | TCC | ACG | GCG | GCA | GCG | GGC | GGC | GGC | GGC | TTC | CGC | AAC | GTC | TAC | GCG | GAG | GTG | CTG | 912 |
| S | S | T | A | A | A | G | G | G | G | F | R | N | V | Y | A | E | V | L | 304 |
| VRPRDPV | | TC | AA | A | A | G | GVGVGVGGS | | G | F | R | N | V | Y | A | E | V | L | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAC | TTC | CAG | TCC | ATG | TGC | TCG | TGC | CTG | TGG | TAC | AAG | AGC | CGC | GAG | AAG | CTG | CAG | TAC | 969 |
| H | F | Q | S | M | C | S | C | L | W | Y | K | S | R | E | K | L | Q | Y | 323 |
| H | F | Q | S | M | C | S | C | L | W | Y | K | S | R | E | K | L | Q | Y | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TCC | ATC | CCC | ATG | ATC | ATC | CCG | CGG | GAC | CTC | TCC | ACG | TCC | GAC | ACG | TGC | GTG | GAG | CAG | 1026 |
| S | I | P | M | I | I | P | R | D | L | S | T | S | D | T | C | V | E | Q | 342 |
| S | I | P | M | I | I | P | R | D | L | S | T | S | D | T | C | V | E | H | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AGC | CAC | TCG | TCG | CCG | GGA | GGG | GGC | GGC | CGC | TAC | AGC | GAC | ACG | CCC | TCG | CGA | CGC | TGC | 1083 |
| S | H | S | S | P | G | G | G | G | R | Y | S | D | T | P | S | R | R | C | 361 |
| S | H | S | S | P | G | G | G | G | R | Y | S | D | T | P | S | H | P | C | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CTG | TGC | AGC | GGG | GCG | CCA | CGC | TCC | GCC | ATC | AGC | TCG | GTG | TCC | ACG | GGT | CTG | CAC | AGC | 1140 |
| L | C | S | G | A | P | R | S | A | I | S | S | V | S | T | G | L | H | S | 380 |
| L | C | S | G | T | Q | R | S | A | I | S | S | V | S | T | G | L | H | S | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CTG | TCC | ACC | TTC | CGC | GGC | CTC | ATG | AAG | CGC | AGG | AGC | TCC | GTG | TGA | ctgccccgagggacc | 1200 |
| L | S | T | F | R | G | L | M | K | R | R | S | S | V | * | | 395 |
| L | A | A | F | R | G | L | M | K | R | R | S | S | V | | | |

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ctccagcctgggtgacagggcaagaccctgtctcaaaaaaaaaaaaaaa 2465

FIG. 8B

```
          1    -----MLQSLAGSSCVR-----------LVERHRS---
          1    MAAPDLLDPKSAAQNSKPRLSFSSKPTVLASRVESDSA
          1    -----MKR----Q-NVR---------------------
                               M1
TWIK-1    20   ----AWCFG-FLVLGYLLYLVFGAVVFSSVELPYEDLL
TREK-1    39   INVMKWKTVSTIFLVVVLYLIIGAAVFKALEQPQEISQ
TASK       8   --------TLALIVCTFTYLLVGAAVFDALESEPELIE

TWIK-1    53   RQELRKLKRRFLEEHECLSEQQLEQFLGRVLEASNYGV
TREK-1    77   RTTIVIQKQTFIAQHACVNSTELDELIQQIVAAINAGI
TASK      38   RQRLELRQQELRARYNLSQGG-YEELERVVLRLKPHKA
                                              P1
TWIK-1    91   SVLSNASG-NWNWDFTSALFFASTVLSTTGYGHTVPLS
TREK-1   115   IPLGNSSNQVSHWDLGSSFFFAGTVITTIGFGNISPRT
TASK      75   G--------VQ-WRFAGSFYFAITVITTIGYGHAAPST
                          M2
TWIK-1   128   DGGKAFCIIYSVIGIPFTLLFLTAVVQRITVHVTR--R
TREK-1   153   EGGKIFCIIYALLGIPLFGFLLAGVGDQLGTIFGKGIA
TASK     104   DGGKVFCMFYALLGIPLTLVMFQSLGERINTLVRY---
                                              M3
TWIK-1   164   PVLYFHIRWGFSKQVVAIVHAVLLGFVTVSCFFFIPAA
TREK-1   191   KVEDTFIKWNVSQTKIRIISTIIFILFGCVLFVALPAV
TASK     139   LLHRAKKGLGMRRADVSMANMVLIGFFSCISTLCIGAA
                                           P2
TWIK-1   202   VFSVLEDDWNFLESFYFCFISLSTIGLGDYVPGE-GYN
TREK-1   229   IFKHIEG-WSALDAIYFVVITLTTIGFGDYVAG--GSD
TASK     177   AFSHYEH-WTFFQAYYYCFITLTTIGFGDYVALQKDQA
                               M4
TWIK-1   239   QKFRELYKIGITCYLLLGLIAMLVVLETFCELHELKKF
TREK-1   264   IEYLDFYKPVVWFWILVGLAYFAAVLSMIGDWLRVISK
TASK     214   LQTQPQYVAFSFVYILTGLTVIGAFLNLVVLRFMTMNA

TWIK-1   277   RKMFYVKKDKD---------------------------
TREK-1   302   KTKEEVGEFR----------------------------
TASK     252   EDEKRDAEHRALLTRNGQAGGGGGGGSAHTTDTASSTA

TWIK-1   288   -----------EDQVHIIEHDQLSFSSITDQAAGMK--
TREK-1   312   -----------AHAAEWTANVTAEFKETRRRLSVEI--
TASK     290   AAGGGGFRNVYAEVLHFQSMCSCLWYKSREKLQYSIPM

TWIK-1   313   ---EDQKQNEPFVATQSSACVDGPANH-----------
TREK-1   337   ---YDKFQRATSVKRKLSAELAGNHNQELTPCMRTCL-
TASK     328   IIPRDLSTSDTCVEQSHSSPGGGGRYSDTPSRRCLCSG

TWIK-1   337   -----------------------------
TREK-1   371   -----------------------------
TASK     366   APRSAISSVSTGLHSLSTFRGLMKRRSSV
```

FIG. 9A

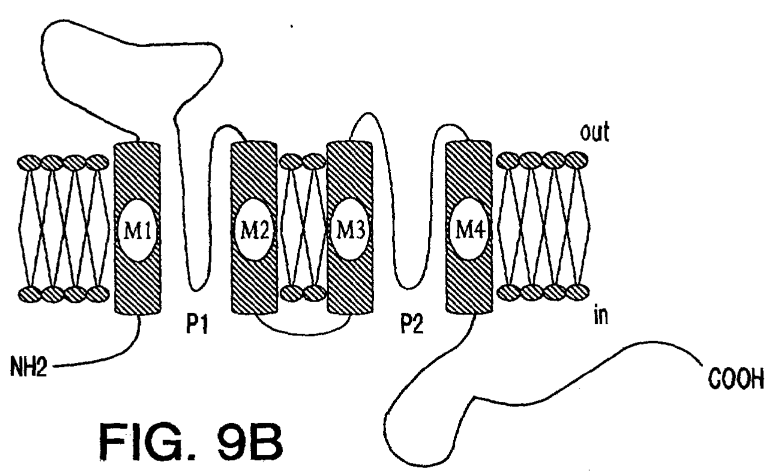


FIG. 9B

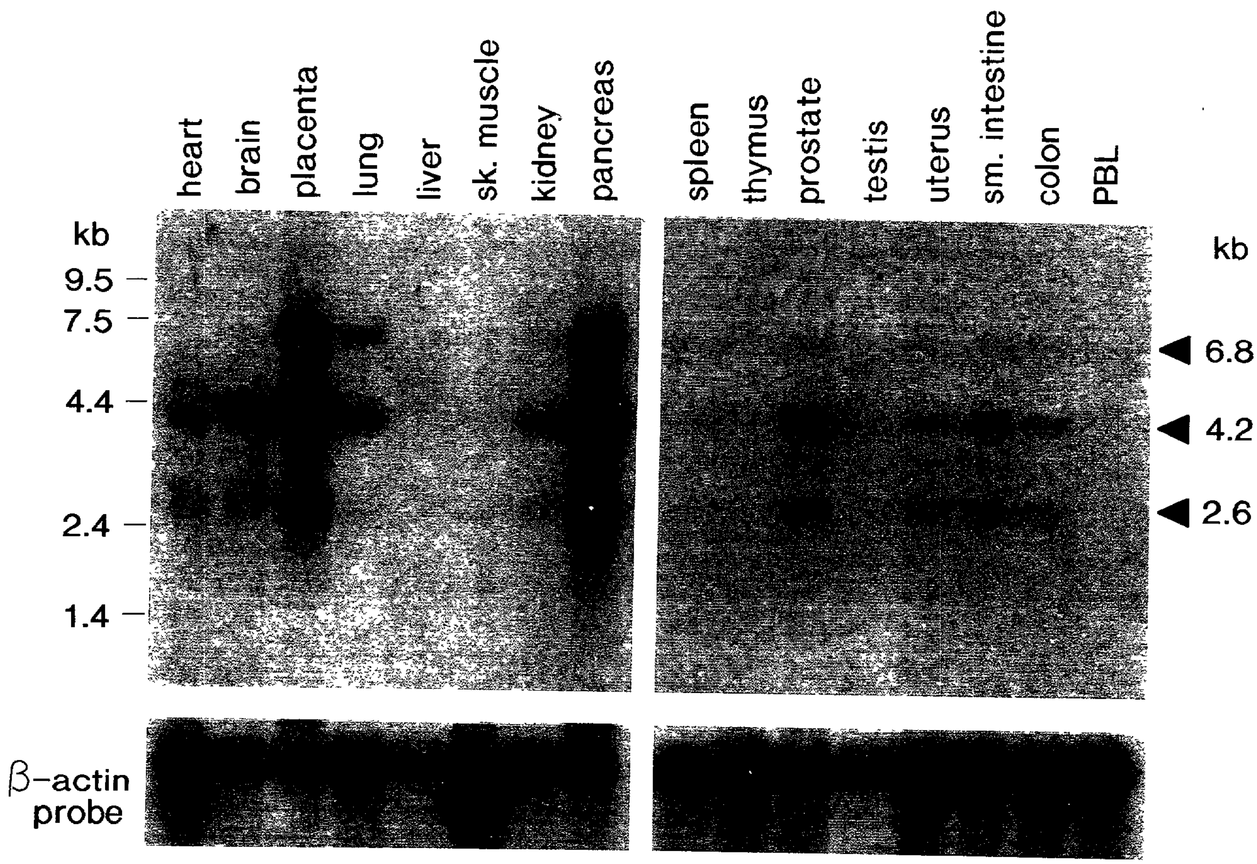
heart
brain
placenta
lung
liver
sk. muscle
kidney
pancreas
spleen
thymus
prostate
testis
uterus
sm. intestine
colon
PBL
kb
9.5
7.5
4.4
2.4
1.4
kb
6.8
4.2
2.6
β-actin
probe

FIG. 10

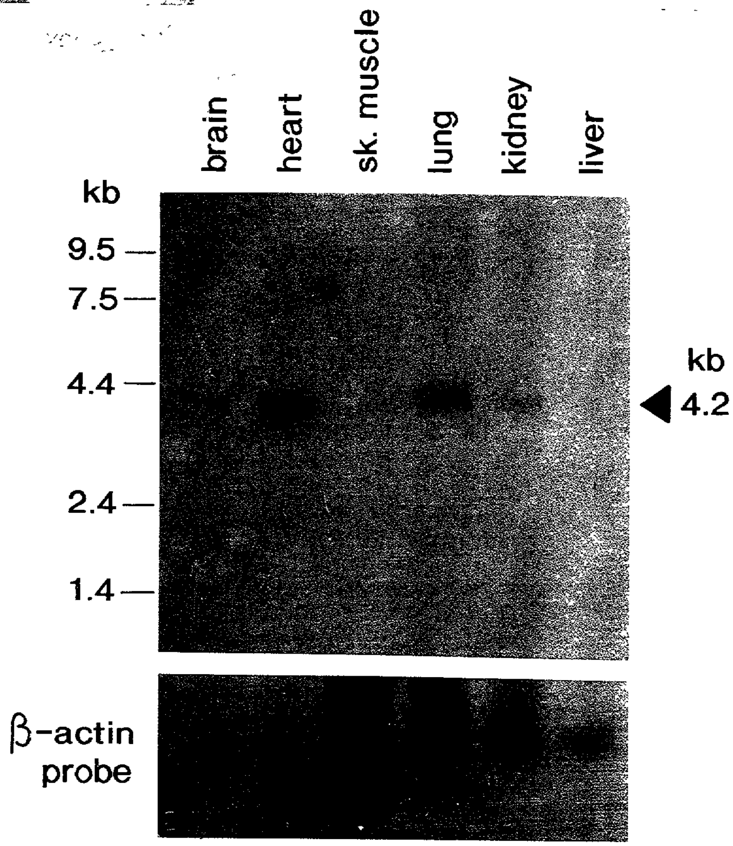


FIG. 11A

FIG. 11B

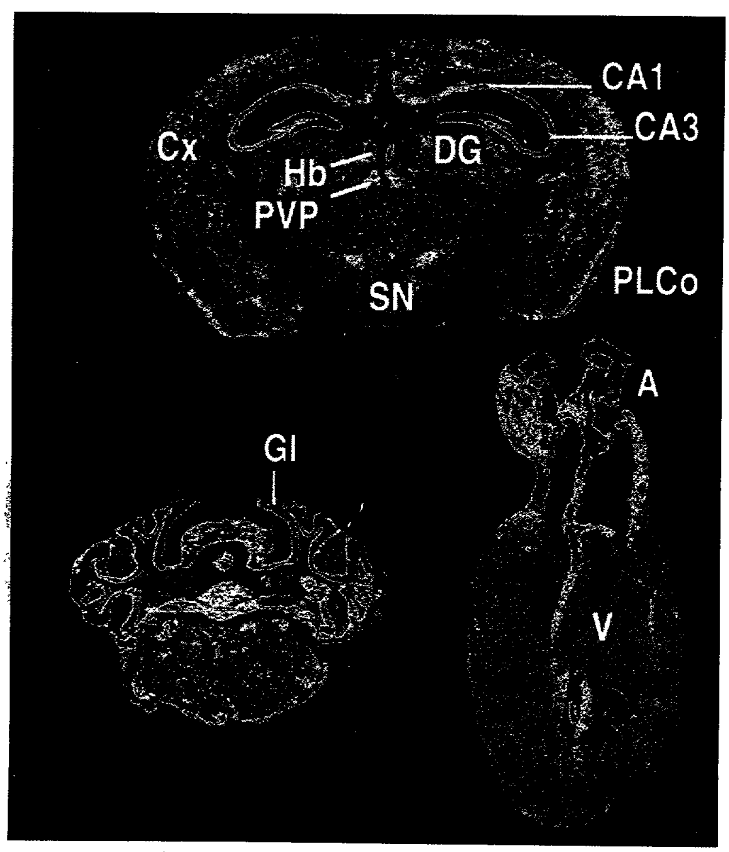


FIG. 11C

FIG. 11D

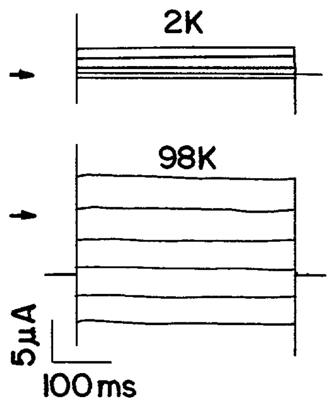


FIG. 12A

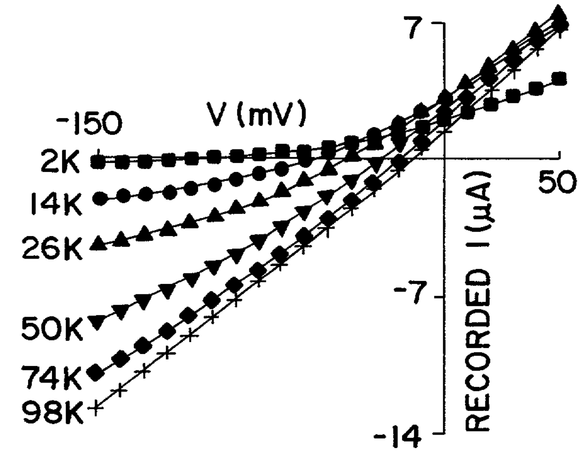


FIG. 12B

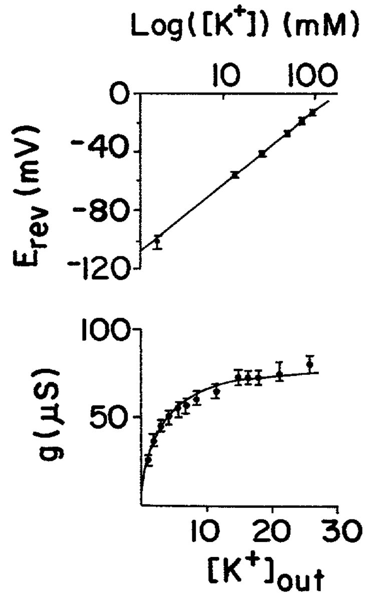


FIG. 12C

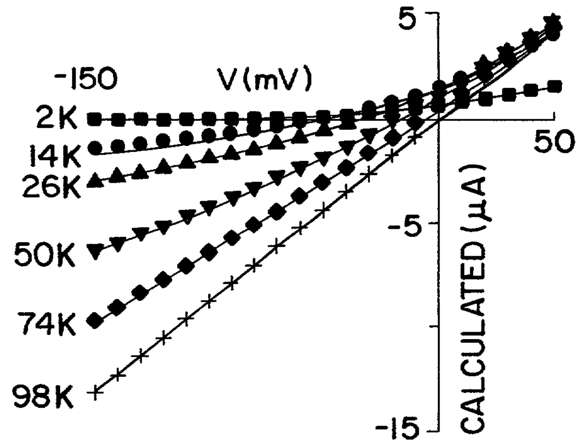


FIG. 12D

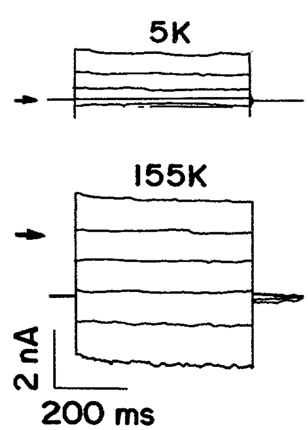


FIG. 12E

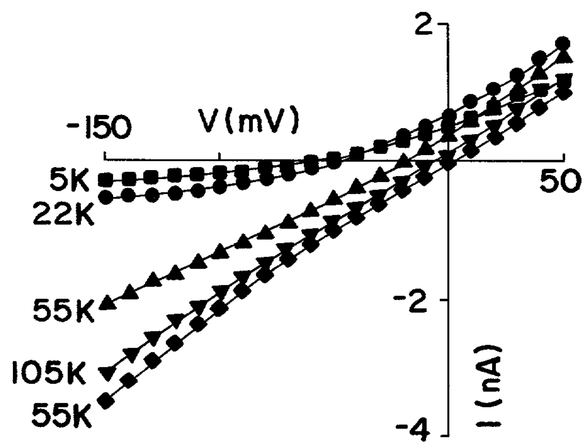


FIG. 12F

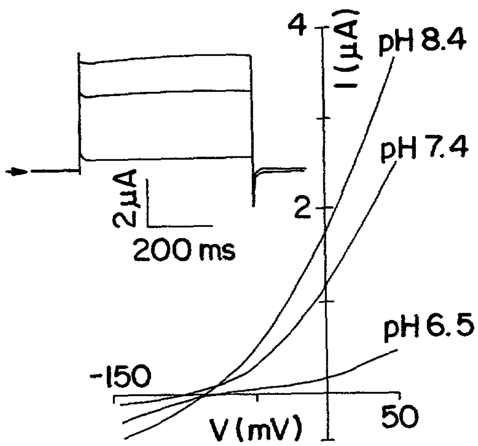


FIG. 13A

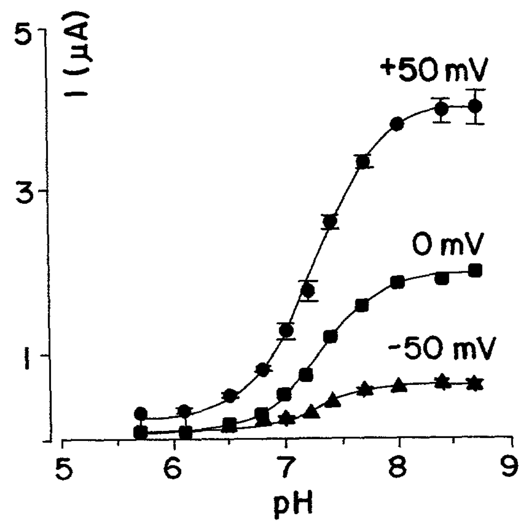


FIG. 13B

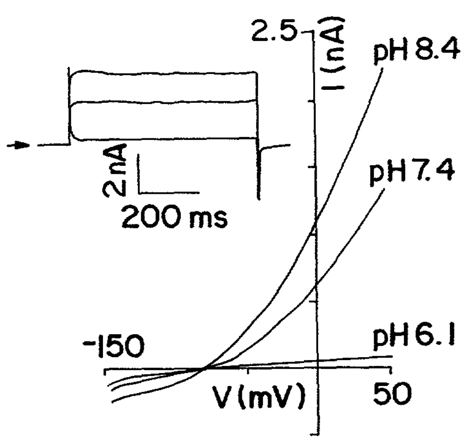


FIG. 13C

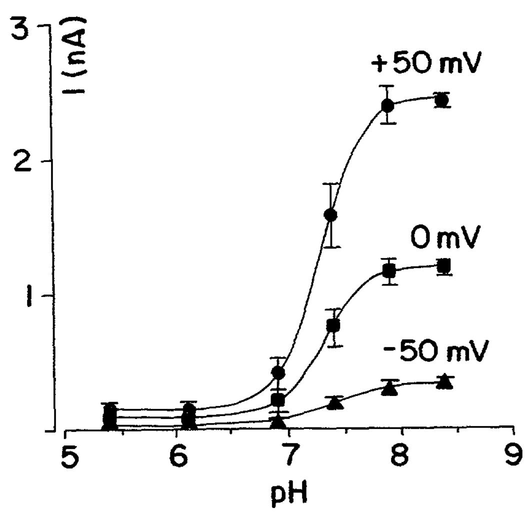


FIG. 13D